## PLEASE NOTE -

\* Copies not attached as previously submitted to or cited by the USPTO in parent application US09/966,293

\*\* Copies not attached as previously submitted to or cited by the USPTO in grandparent application US6,416,167

PTO/SB/08A (08-03)

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complet If Known Substitute for form 1449/PTO Application Number 9/22/03 Filing Date INFORMATION DISCLOSURE First Named Inventor Tobin Allen King STATEMENT BY APPLICANT Art Unit 2854 (Use as many sheets as necessary) **Examiner Name** NOLAN Sheet 1 Attorney Docket Number

Examiner	Cite No.1	Document Number	Publication Date	T DOCUMENTS  Name of Patentee or	Pages, Columns, Lines, Where
Initials*	No.'	Number-Kind Code <sup>2 (d known)</sup>	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevan Figures Appear
CH		<sup>US-</sup> 09/966,293	04/18/2002	King et al	
CA		US- 6,155,669 *	12/05/2000	Donahue et al	,
CA		US- 6,158,906 *	12/12/2000	Simon et al	
Cot-		US- 5,659,345 *	08/19/1997	Altendorf	
CA		US-5,845,144 *	12/01/1998	Tateyama et al	
Č#		US-5,288,464 *	02/23/1993	Aaron	
_		US-			
CIL		US- 6,416,167	07/09/2002	Silverbrook	
CH.		US- 5,719,604	02/17/1998	Inui et al	<del> </del>
CH		US-5,666,141	09/09/1997	Matoba et al	
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		FORE	IGN PATENT DOC	UMENTS		
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<i>a</i> =		Country Code <sup>2</sup> Number <sup>4</sup> "Kind Code <sup>5</sup> (# known)		DD-YYYY Or Relevant Figures Appear		
CP-		EP 0706893 B1 *	04/17/1996	Canon Kabushiki		_
		WO 95/10810 *	04/20/1995	4P S.R.L.		┢
		JP 051108278 A *	04/1993	Minaminaka		厂
		JP 404001051 A **	01/1992	Komai		┢═
		EP 0 713774 A2	05/29/1996	Sharp Kabushiki		一
_\P		DE 19516997 A1		Sharp KK		H

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Translation is attached.
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Substitute	for form 1449/PTO	Co	Complete if Known				
		Application Number	10/666,020				
IDIEO		Filing Date	9/22/03				
information disclosure		First Named Inventor	Tobin Allen King				
STAT	tement by applicant	Art Unit	2854				
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Sheet 2	of 4	Attorney Docket Number	AP90US				

U. S. PATENT DOCUMENTS								
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C'H_		DE 19623620 A1		Sharp KK		
		Abstract JP2-108544	04/20/1990	Sieko Epson Cor		
		Abstract JP2-92643 A	04/03/1990	Sieko Epson Cor		Π
		Abstract JP4-353458A	12/08/1992	Brother Ind Inc		
		Abstract JP 6-91865A	. 04/05/1994	Siekosha Co Ltd		Π
V		Abstract JP 6-91866A	04/05/1994	Siekosha Co Ltd		

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the appropriate symbols as indicated on the document under WIPO Standard ST.16 in pussions. Application is attached.

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		NON PATENT LITERATURE DOCUMENTS		
Examiner Initials* Cite No.		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.  * "ABLEDATA Database of Assistive Technology", Feb 1999 p2-3 shows Positron Express keyboard/printer		
		- http://web.archive.org/web/20020819212351re_/http://www.enhancedcom.net/positron express.asp		
		* TTD Products for PSAPS" (Larson) March/April 1997 from 9-11 Magazine.		
		Note: Establishes that "Positron Express" keyboard integrated with printer was known in 1997.		
1		* English Traslation of JP 05108278 A		

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